

**South Dayton Dump & Landfill
RI/FS Scoping Meeting #2
Discussion Topics**

1. Consider the size of exposure units and the ability to identify/deal with hot spots when determining proposed sample locations and sample density.
2. Collecting one soil sample from 0-2 and 2-15 may be sufficient for HHRA purposes, but not necessarily for soil leaching. That should be discussed in more detail and the RI work plan should have a leaching investigation, as there is no presumption of a cap over the landfill. Sampling based on exposure unit delineations is appropriate for characterizing waste/soil exposure but not groundwater. Exposure units do not address the leaching to ground water pathway.
3. Sample density necessary to investigate the heterogeneous nature of the landfill in the exposure units for the risk assessment would depend on the previously collected data and the information that is already known in each exposure unit. The RI/FS WP should have an updated conceptual site model be provided in the RI work plan to further identify the risk pathways, exposure scenarios, and data needs.
4. The limited vadose zone sampling proposed at Valley Asphalt and throughout the landfill area does not fully investigate for waste and leaching to ground water by the landfill material as well as direct contact for the area.
5. Not collecting soil samples at Valley Asphalt because of the current activities neglects potential future land use (i.e. the piles won't always be there).
6. No surface soil 0-2 foot sampling was proposed on the areas covered by asphalt on the Dryden Road properties. This neglects future land use when the surface cover could be removed and this area may have been landfilled.
7. An investigation is needed on the Quarry Pond to identify the possible drums and other debris and to support an eventual decision about removal of the material. An investigation is needed on the water quality of the Quarry Pond as it is in contact with the first ground water bearing zone and has the potential to further contaminate the ground water and be contaminated by the ground water.
8. How to sample in the parcels where waste/fill is at the surface.